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Mar 29, 2003

DERWENT-ACC-NO: 2004-078040

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TITLE: Nutrient enriched probiotic composition comprises betaine, pancreatin, lactobacillus sp. bifidobacteria sp. fructo-oligo saccharide, vitamin and mineral

INVENTOR: HAN, I K; KIM, Y Y

PATENT-ASSIGNEE:

ASSIGNEE	CODE
HAN I K	HANII

PRIORITY-DATA: 2001KR-0058713 (September 21, 2001)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>KR 2003025587 A</u>	March 29, 2003		000	A61K035/74

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
KR2003025587A	September 21, 2001	2001KR-0058713	

INT-CL (IPC): A61 K 35/74

ABSTRACTED-PUB-NO: KR2003025587A

BASIC-ABSTRACT:

NOVELTY - A composition containing betaine, pepsin, pancreatin, alpha -amylase, beta -amylase, lipase, cellulase and dibasic calcium phosphate as an enzyme complex, Lactobacillus acidophilus, Bifidobacteria longum, fructo-oligosaccharide or the like as a probiotics complex, a vitamin complex and a mineral complex, is new.

DETAILED DESCRIPTION - A new probiotic composition which inhibits proliferation of intestinal harmful microorganisms and enhances immunoactivity contains 78 mg betaine HCl, 50 mg pepsin, 15 mg pancreatin, 11 mg alpha -amylase, 8 mg beta -amylase, 4 mg lipase, 7.5 mg cellulase, 7.5 mg cellulase dibasic calcium phosphate, 1.25 billion Lactobacillus acidophilus, Lactobacillus bulgaricus, etc. 900 million Bifidobacteria longum and Bifidobacterium breve, 180 million Streptococcus thermophilus, 375 mg fructo-oligosaccharide, 450 IU vitamin A, 675 IU beta -carotene, 56 mg vitamin C, 23 IU vitamin D, 23 IU vitamin E, 7.5 mcg vitamin K, 3.8

mg thiamine, 3.4mg riboflavin, 5.6mg niacin, 3.4mg pyridoxine, 75mcg poly acid, 11 mcg cobalamin, 28 mcg biotin, 8.4 mg pantothenic acid, 8.4 mg choline, 28.1 mg Ca, 18.8 mg P, 0.9 mg Fe, 12 mcg I, 17 mg Mg, 1.7 mg Zn, 11 mcg Se, 0.1 mg sulfuric acid, 0.6 mg Mn, 11 mcg chromium picolinate, 0.6 mg Mo, 0.6 mg K, 0.3 mg betaine, 0.2 mg B, 3.8 mg L-lysine 2.0 mg phenylalanine, 2.0 mg L-tyrosine, a trace amount of kelp powder and 4.7 mg polyunsaturated fatty acid.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: NUTRIENT ENRICH COMPOSITION COMPRISE BETAINE PANCREATIN LACTOBACILLUS SPECIES SPECIES FRUCTO OLIGO SACCHARIDE VITAMIN MINERAL

DERWENT-CLASS: B04 D13

CPI-CODES: B04-D02; B04-F10; B04-L01; D03-H01T;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2004-032014

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